

REMARKS

Claims 6, 19-23, 37-46, 48 and 49 are canceled.

Claims 24-36 are canceled as being drawn to a non-elected invention.

Claims 1-5, 7-18 and 47 remain pending in the application. Of these, claims 1, 4, 5, 10-13 and 47 are currently amended.

Claim 1 is objected to because of an informality. Claim 1 has been amended to overcome this informality.

The claims are rejected in various combinations under 35 U.S.C. §102(b) based on Phillips U.S. 4,955,856 (Phillips '856) and under 35 U.S.C. §103(a) based on Phillips '856 in view of Jarvik U.S. 5,376,114 and Koros et al. U.S. 5,267,223). The cited references, alone or in combination, do not teach or suggest an outer cannula adapted to provide blood intake at a first location in a blood vessel or heart chamber and an inner cannula sized and configured to be slidably received within the outer cannula and extending beyond the outer cannula to provide blood output at a second location in another blood vessel, as defined by amended independent claims 1 and 47.

Respectfully Submitted,

By Patricia A. Limbach
Patricia A. Limbach
Registration No. 50,295

RYAN KROMHOLZ & MANION, S.C.
Post Office Box 26618
Milwaukee, Wisconsin 53226
(262) 783 - 1300
25 August, 2003
Customer No.: 26308